

What is claimed is:

- 1) A narrow-trenching tool system for transferring the force of a user to narrowly penetrate topsoil, create a trench with a wider bottom, and create a smaller top opening below the topsoil, comprising, in combination:
 - a) single blade means for cutting through the topsoil, having at least one blade top portion and at least one substantially horizontal bottom edge;
 - b) foot pedestal portion means for permitting the user to apply weight on said single blade means, situate adjacent to said at least one blade top portion; and
 - c) handle means for providing at least one handle, having at least one handle top portion and at least one handle bottom portion;
 - d) wherein said handle means comprises attacher means for attaching said at least one handle bottom portion to said at least one handle top portion;
 - e) wherein said handle top portion of said handle means comprises user-graspable element means;

- f) wherein said user-graspable element means is located at a horizontal distance from a vertical axis passing through said single blade means, structured and arranged to permit the user to apply maximum weight on said foot pedestal portion means while grasping said user-graspable element means;
- g) wherein applying downward force on said foot pedestal portion means, by the user, will normally assist said single blade means to cut through and penetrate the topsoil; and
- h) wherein applying a bi-directional horizontal force by the user to said user-graspable element means after penetration of the topsoil, while applying such downward force, will normally assist said single blade means to sweep an arc below the topsoil creating the trench with a wider bottom and a smaller top opening below the topsoil.

2) The narrow-trenching tool system according to Claim 1 wherein said user-graspable element means comprises at least one crossbar handle substantially perpendicular to said at least one handle top portion of said handle means.

- 3) The narrow-trenching tool system according to Claim 2 wherein said foot pedestal portion means comprises at least one substantially horizontal plate.
- 4) A narrow-trenching tool system for transferring the force of a user to narrowly penetrate topsoil, create a trench with a wider bottom, and create a smaller top opening below the topsoil, comprising, in combination:
 - a) a single blade, having at least one blade top portion and at least one substantially horizontal bottom edge, structured and arranged to cut through the topsoil;
 - b) at least one foot pedestal portion, situate adjacent to said at least one blade top portion, structured and arranged to permit the user to apply weight on said single blade; and
 - c) at least one handle, having at least one handle top portion and at least one handle bottom portion;
 - d) wherein said at least one handle comprises at least one attacher structured and arranged to attach said at least one handle bottom portion to said at least one handle top portion;
 - e) wherein said at least one handle top portion of said at least one handle comprises at least one user-graspable element;
 - f) wherein said at least one user-graspable element is located at a horizontal distance from a vertical axis passing

through said single blade, structured and arranged to permit the user to apply maximum weight on said at least one foot pedestal while grasping said at least one user-graspable element;

g) wherein applying downward force on said at least one foot pedestal portion by the user will normally assist said single blade to cut through and penetrate the topsoil; and

h) wherein applying a bi-directional horizontal force by the user to said at least one user-graspable element after penetration of the topsoil while applying such downward force will normally assist said single blade to sweep an arc below the topsoil creating the trench with a wider bottom and a smaller top opening below the topsoil.

5) The narrow-trenching tool system according to Claim 4 wherein said at least one user-graspable element comprises at least one crossbar handle substantially perpendicular to said at least one handle top portion of said at least one handle.

- 6) The narrow-trenching tool system according to Claim 5 wherein said at least one foot pedestal portion comprises at least one substantially horizontal plate.
- 7) The narrow-trenching tool system according to Claim 4 wherein said single blade comprises a unitary metal blade.
- 8) The narrow-trenching tool system according to Claim 7 wherein said unitary metal blade is tempered steel.
- 9) The narrow-trenching tool system according to Claim 7 wherein said unitary metal blade is structured and arranged to penetrate the topsoil to a depth of between about six-inches and about twelve-inches.
- 10) The narrow-trenching tool system according to Claim 7 wherein said unitary metal blade is structured and arranged to penetrate the topsoil to a depth of about eight-inches.
- 11) The narrow-trenching tool system according to Claim 7 wherein said unitary metal blade is between about one-sixteenth-inch and about one-half inch thick.
- 12) The narrow-trenching tool system according to Claim 4 wherein said at least one handle comprises at least one rod.
- 13) The narrow-trenching tool system according to Claim 11 wherein said at least one rod comprises at least one substantially hollow steel rod.
- 14) The narrow-trenching tool system according to Claim 12 wherein said at least one substantially hollow steel rod

comprises an outer diameter of between about three-quarters of an inch and one-and-one-half inches.

15) The narrow-trenching tool system according to Claim 5 wherein said at least one crossbar handle comprises at least one rod.

16) The narrow-trenching tool system according to Claim 14 wherein said at least one rod comprises at least one substantially hollow steel rod.

17) The narrow-trenching tool system according to Claim 5 wherein said at least one crossbar handle is weldably attached substantially perpendicular to said at least one handle top portion of said at least one handle.

18) The narrow-trenching tool system according to Claim 4 wherein at least one handle comprises at least one bend.

19) The narrow-trenching tool system according to Claim 17

wherein:

- a) said at least one bend is located about twelve-inches to about sixteen-inches above the bottom of said at least one handle bottom portion; and
- b) said at least one bend is about two-degrees to about ten-degrees from vertical.

20) The narrow-trenching tool system according to Claim 18

wherein said at least one bend is opposite and above a top portion of said at least one foot pedestal.

21) A narrow-trenching tool system for transferring the force of a user to narrowly penetrate topsoil, create a trench with a wider bottom, and create a smaller top opening below the topsoil, comprising, in combination:

- a) a single unitary tempered steel blade, having at least one blade top portion and at least one substantially horizontal bottom edge, structured and arranged to penetrate through the topsoil;
- b) at least one foot pedestal portion, situate adjacent to said at least one blade top portion, structured and arranged to permit the user to apply weight on said single blade;

- c) at least one handle, having at least one handle top portion and at least one handle bottom portion; and
- d) at least one crossbar handle substantially perpendicular to said at least one handle top portion of said at least one handle;
- e) wherein said at least one handle comprises at least one attacher structured and arranged to attach said at least one handle bottom portion to said at least one handle top portion;
- f) wherein said at least one handle top portion of said at least one handle comprises at least one user-graspable element;
- g) wherein said at least one crossbar handle is located at a horizontal distance from a vertical axis passing through said single blade, structured and arranged to permit the user to apply maximum weight on said at least one foot pedestal while grasping said at least one crossbar handle;
- h) wherein said at least one handle comprises at least one bend located about twelve-inches to about sixteen-inches above the bottom of said at least one handle bottom portion;

- i) wherein said at least one bend is about two-degrees to about ten-degrees from the vertical axis passing through said single blade;
- j) wherein applying downward force on said at least one foot pedestal portion by the user will normally assist said single blade to cut through and penetrate the topsoil; and
- k) wherein applying a bi-directional horizontal force by the user to said at least one user-graspable element after penetration of the topsoil while applying such downward force will normally assist said single blade to sweep an arc below the topsoil creating the trench with a wider bottom and a smaller top opening below the topsoil.

22) A narrow-trenching system method for narrowly penetrating topsoil, creating a trench with a wider bottom, and creating a smaller top opening below the topsoil, utilizing a narrow-trenching tool with single blade means for cutting through the topsoil, having at least one blade top portion and at least one substantially horizontal bottom edge; foot pedestal portion means for permitting the user to apply weight on such single blade means, situate adjacent to such at least one blade top portion; and handle means for providing a handle, having at least one handle top portion and at least one handle bottom portion; wherein such handle means comprises attacher means for attaching such at least one handle bottom portion to such at least one handle top portion; wherein such handle top portion of such handle means comprises user-graspable element means; wherein such user-graspable element means is located at a horizontal distance from a vertical axis passing through such single blade means, structured and arranged to permit the user to apply maximum weight on such foot pedestal portion means while grasping such user-graspable element means; wherein applying downward force on such foot pedestal portion means, by the user, will normally assist such single blade means to cut through and penetrate the topsoil; and wherein applying a bi-directional horizontal force by the user to such user-graspable element means after penetration of the topsoil,

while applying such downward force, will normally assist such single blade means to sweep an arc below the topsoil creating the trench with a wider bottom and a smaller top opening below the topsoil, for placing of at least one trench element in such trench, comprising, in combination, the steps of:

- a) positioning the at least one substantially horizontal bottom edge of the single blade means perpendicular to the topsoil;
- b) applying pressure to the foot pedestal portion means;
- c) wherein the single blade means penetrates the topsoil; and
- d) applying a bi-directional horizontal force to the handle means.

23) The narrow-trenching system method according to Claim 22 further comprising the steps of:

- a) creating the trench with a wider bottom and a smaller top opening below the topsoil;
- b) removing the single blade means from the trench;
- c) placing the at least one trench element within the trench; and
- d) closing the smaller top opening in the topsoil.